



米國官署  
P020702  
H030851US

Docket No.:

## APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

I, the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: LEAD-FREE PIEZOELECTRIC CERAMIC COMPOSITION WHEREIN Cu IS CONTAINED IN  $(K_xA_{1-x})_y(Nb_{1-z}B_z)O_3$  PEROVSKITE COMPOUND, AND PROCESS OF PREPARING THE SAME

described and claimed in the specification:

**Check one**

\*a.  attached hereto.  
b.  filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

Japanese Patent Application No. 2002-278207 filed September 24, 2002

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;  
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;  
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;  
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;  
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025; and  
Richard E. Rice, Reg. No. 31,560.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	<b>Typewritten Full Name of First or Sole Inventor</b>	Fuyutoshi	SATO	
2	**Inventor's Signature:	Given Name	Middle Initial	Family Name
3	**Date of Signature:	<u>Fuyutoshi</u>		<u>Sato</u>
		October	20,	2003
Residence:	Month	Day	Year	
	Nagoya-shi	Aichi-ken	Japan	
Citizenship:	City	State or Province	Country	
	Japan			
Post Office Address: (Insert complete mailing address, including country)	c/o NORITAKE CO., LIMITED, 1-36, Noritake-shinmachi 3-chome, Nishi-ku, Nagoya-shi, Aichi-ken, Japan			

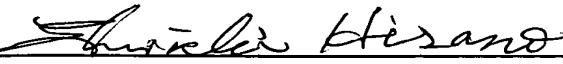
\*If Box (a.) is checked, this form may be executed only when attached to the specification (including claims).

\*\*Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE

**PAGE 2 OF U.S.A. DECLARATION FORM**  
**(Discard this page in a sole inventor application)**

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1 <i>Typewritten Full Name of Second Joint Inventor (if any)</i>	Shin-ichi Given Name	Middle Initial	HIRANO Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	October Month	20, Day	2003 Year
Residence:	Chita-gun City	Aichi-ken State or Province	Japan Country
Citizenship:	Japan		
Post Office Address: (Insert complete mailing address, including country)	3-2, Maruikedai, Ogawa, Higashiura-cho, Chita-gun, Aichi-ken, Japan		
1 <i>Typewritten Full Name of Third Joint Inventor (if any)</i>	Masato Given Name	Middle Initial	MATSUBARA Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	October Month	20 Day	2003 Year
Residence:	Nagoya-shi City	Aichi-ken State or Province	Japan Country
Citizenship:	Japan		
Post Office Address: (Insert complete mailing address, including country)	32-115, Kamegahora, Narumi-cho, Midori-ku, Nagoya-shi, Aichi-ken, Japan		
1 <i>Typewritten Full Name of Fourth Joint Inventor (if any)</i>	Wataru Given Name	Middle Initial	SAKAMOTO Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	October Month	20 Day	2003 Year
Residence:	Nagoya-shi City	Aichi-ken State or Province	Japan Country
Citizenship:	Japan		
Post Office Address: (Insert complete mailing address, including country)	1-31, Yamada-cho, Kita-ku, Nagoya-shi, Aichi-ken, Japan		
1 <i>Typewritten Full Name of Fifth Joint Inventor (if any)</i>	Toshinobu Given Name	Middle Initial	YOGO Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	October Month	20 Day	2003 Year
Residence:	Nagoya-shi City	Aichi-ken State or Province	Japan Country
Citizenship:	Japan		
Post Office Address: (Insert complete mailing address, including country)	1-1406-102, Hirabari, Tenpaku-ku, Nagoya-shi, Aichi-ken, Japan		

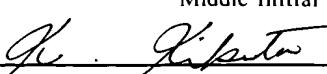
**Note to Inventors:** Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.

IF THERE IS MORE THAN FIVE INVENTORS USE PAGE 3 AND PLACE AN "X" HERE

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**PAGE 3 OF U.S.A. DECLARATION FORM**  
**(Discard this page in a sole inventor application)**

1 <i>Typewritten Full Name of Sixth Joint Inventor (if any)</i>	Given Name	Middle Initial	Family Name
Koichi			KIKUTA
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
	October	20	2003
Residence:	City	State or Province	Country
Toyoake-shi	Aichi-ken		Japan
Citizenship:	Japan		
Post Office Address: (Insert complete mailing address, including country)	4-183, Shinsakae-cho, Toyoake-shi, Aichi-ken, Japan		
1 <i>Typewritten Full Name of Seventh Joint Inventor (if any)</i>	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
Residence:	City	State or Province	Country
Citizenship:			
Post Office Address: (Insert complete mailing address, including country)			
1 <i>Typewritten Full Name of Eighth Joint Inventor (if any)</i>	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
Residence:	City	State or Province	Country
Citizenship:			
Post Office Address: (Insert complete mailing address, including country)			
1 <i>Typewritten Full Name of Ninth Joint Inventor (if any)</i>	Given Name	Middle Initial	Family Name
2 **Inventor's Signature:			
3 **Date of Signature:	Month	Day	Year
Residence:	City	State or Province	Country
Citizenship:			
Post Office Address: (Insert complete mailing address, including country)			

**Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.**

**This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.**